

FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			ATTY. DOCKET NO. DFCI-363A		SERIAL NO. 08/278,601		
			APPLICANT David Knipe et al.				
			FILING DATE July 21, 1994		GROUP		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
M	AA	4,554,159	11-19-85	Roizman et al.	424	89	
M	AB	4,769,331	09-06-88	Roizman et al.	435	172.3	
M	AC	4,859,587	08-22-89	Roizman	435	68	
M	AD	5,288,641	02-22-94	Roizman	435	320.1	
M	AE	5,328,688	07-12-94	Roizman	424	205.1	
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
M	AL	0277773	28.01.88	EPO			
M	AM	0386882	06.02.90	EPO			
M	AN	89/09271	05.10.89	WO			
M	AO	91/05055	18.04.91	WO			
M	AP	90/05538	31.05.90	WO			
M	AQ	0213894	21.08.86	EPO			
M	AL2	0453242	16.04.91	EPO			
M	AM2	92/05263	02.04.92	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
M	AR	Shih, Meng-Fu et al., "Expression of hepatitis B virus S gene by herpes simplex virus type 1 vectors carrying $\alpha$ - and $\beta$ -regulated gene chimeras," Proc. Natl. Acad. Sci. USA, 81:5867-5870, (1984).					
M	AS	Coutelier, Jean-Paul et al., "IgG2a restriction of murine antibodies elicited by viral infections," J. Exp. Med., 165:64-69 (1987).					
EXAMINER			DATE CONSIDERED				
<i>N.Garb</i>			8/10/91				

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

M	AT	Coutelier, Jean-Paul et al., Brief Definitive Report, "Virally induced modulation of murine IgG antibody subclasses," <i>J. Exp. Med.</i> , 166:2373-2378 (1988).
M	AU	Nguyen, Lien H. et al., "Replication-Defective Mutants of Herpes Simplex Virus (HSV) Induce Cellular Immunity and Protect against Lethal HSV Infection," <i>J. Virol.</i> , 66(12):7067-7072 (1992).
M	AV	Kipps, Thomas J. et al., "Importance of immunoglobulin isotype in human antibody-dependent, cell-mediated cytotoxicity directed by murine monoclonal antibodies," <i>J. Exp. Med.</i> , 161:1-17 (1985).
M	AW	Gao, Min and Knipe, David M., "Genetic Evidence for Multiple Nuclear Functions of the Herpes Simplex Virus ICP8 DNA-Binding Protein," <i>Journal of Virology</i> , 63(12):5258-5267, (1989).
M	AX	Cunningham, Charles et al., "The UL13 virion protein of herpes simplex virus type 1 is phosphorylated by a novel virus-induced protein kinase," <i>Journal of General Virology</i> , 73:303-311, (1992).
M	AY	Stevenson, David et al., "Characterization of the varicella-zoster virus gene 61 protein," <i>Journal of General Virology</i> , 73:521-530, (1992).
M	AZ	Ali, Mir A. et al., "Enhanced malignant transformation induced by expression of a distinct protein domain of ribonucleotide reductase large subunit from herpes simplex virus type 2," <i>Proc. Natl. Acad. Sci. USA</i> , 88:8257-8261, (1991).
M	AR2	Rice, Stephen A. and Knipe, David M., "Genetic Evidence for Two Distinct Transactivation Functions of the Herpes Simplex Virus Alpha Protein ICP27," <i>J. Virol.</i> , 64:1704-1715, (1990).
M	AS2	Rice, Stephen A. et al., "Herpes Simplex Virus Alpha Protein ICP27 Possesses Separable Positive and Negative Regulatory Activities," <i>J. Virol.</i> , 63:3399-3407, (1989).
M	AT2	"Fowlpox Virus: A 'Live-Dead' Vaccine Vector," <i>ASM News</i> , 58(5):257, (1992).
M	AU2	Quinn, John P. and McGeoch, Duncan J., "DNA sequence of the region in the genome of herpes simplex virus type 1 containing the genes for DNA polymerase and the major DNA binding protein," <i>Nucleic Acids Research</i> , 13(22):8143-8163, (1985).

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<p style="text-align: center;">MAIL ROOM</p> <p style="text-align: center;">33 SEP 2 1994 FBI - TAMPA</p> <p>(Use several sheets if necessary.)</p>		
	APPLICANT David Knipe <u>et al.</u>	
	FILING DATE July 21, 1994	GROUP

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

M	AV2	Sacks, Wendy R. <u>et al.</u> , "Herpes Simplex Virus Type 1 ICP27 Is an Essential Regulatory Protein," <i>J. Virol.</i> , 55(3):796-805, (1985).
	AW2	Baer, R. <u>et al.</u> , "DNA sequence and expression of the B95-8 Epstein-Barr virus genome," <i>Nature</i> , 310:207-211, (1984).
	AX2	Galloway, Denise A. <u>et al.</u> , "Small fragments of herpesvirus DNA with transforming activity contain insertion sequence-like structures," <i>Proc. Natl. Acad. Sci. USA</i> , 81:4736-4740, (1984).
	AY2	Weller, Sandra K. <u>et al.</u> , "Genetic Analysis of Temperature-Sensitive Mutants Which Define the Gene for the Major Herpes Simplex Virus Type 1 DNA-Binding Protein," <i>J. Virol.</i> , 45(1):354-366, (1983).
	AZ2	Farrell, H. <u>et al.</u> , "Vaccine potential of a herpes simplex virus mutant lacking an essential glycoprotein," Abstract, 17th International Herpesvirus Workshop, Edinburgh, Scotland, Page 378, (August 1-7, 1992).
	AR3	McLean, L. <u>et al.</u> , "Protective vaccination with a gH-deleted HSV-1 virus," 18th International Herpesvirus Workshop, Pittsburgh, PA, page C-71, (July 25-30, 1993).
	AS3	DeLuca, Neal A. <u>et al.</u> , "Isolation and Characterization of Deletion Mutants of Herpes Simplex Virus Type 1 in the Gene Encoding Immediate-Early Regulatory Protein ICP4," <i>J. Virol.</i> , 56(2):558-570, (1985).
	AT3	Emi, Nobuhiko <u>et al.</u> , "Pseudotype Formation of Murine Leukemia Virus with the G Protein of Vesicular Stomatitis Virus," <i>J. Virol.</i> , 65(3): 1202-1207, (1991).
	AU3	Jayaraman, Sundararajan <u>et al.</u> , "Exacerbation of Murine Herpes Simplex Virus-Mediated Stromal Keratitis by Th2 Type T Cells," <i>Journal of Immunology</i> , 151(10):5777-5789, (1993).
	AV3	Marchetti, Michael E. <u>et al.</u> , "A Temperature-Sensitive Mutation in a Herpes Simplex Virus Type 1 Gene Required for Viral DNA Synthesis Maps to Coordinates 0.609 through 0.614 in U <sub>L</sub> ," <i>J. Virol.</i> , 62(3):715-721, (1988).

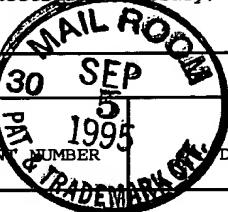
EXAMINER <i>P. (gptn)</i>	DATE CONSIDERED <i>01/06/96</i>
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SEP 2 1994 U.S. PATENT & TRADEMARK OFF.		
APPLICANT David Knipe et al.		
FILING DATE July 21, 1994		GROUP

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AC	AW3	Ligas, Michael W. and Johnson, David C., "A Herpes Simplex Virus Mutant in Which Glycoprotein D Sequences Are Replaced by $\beta$ -Galactosidase Sequences Binds to but Is Unable To Penetrate into Cells," <i>J. Virol.</i> , 62(5):1486-1494, (1988).
ML	AX3	Nguyen, Lien H. et al., "Replication-Defective Mutants of Herpes Simplex Virus (HSV) Induce Cellular Immunity and Protect against Lethal HSV Infection," <i>J. Virol.</i> , 66(12):7067-7072, (1992).
AL	AY3	Farrell, H.E. et al., "Vaccine Potential of a Herpes Simplex Virus Type 1 Mutant with an Essential Glycoprotein Deleted," <i>J. Virology</i> , 68(2):927-932, (1994)
EXAMINER <i>A. Gopar</i>	DATE CONSIDERED <i>01/06/96</i>	

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		APPLICANT David Knipe et al.	
		FILING DATE July 21, 1994	GROUP 1813



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
M	AN2	WO94/03207	17/02/94	PCT			
M	AO2	WO94/21807	29/09/94	PCT			
M	AP2	✓ WO94/03595	17/02/94	PCT			
M	AQ2	✓ WO94/01573	20/01/94	PCT			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

M	AZ3	Morrison, Lynda A. and Knipe, David M., "Immunization with Replication-Defective Mutants of Herpes Simplex Virus Type 1: Sites of Immune Intervention in Pathogenesis of Challenge Virus Infection," <i>J. Virol.</i> 68:689-696 (1994)
M	AR4	Nguyen, Lien et al., "Mechanism of Virus-Induced Ig subclass Shifts," <i>J. Immunol.</i> 152:478-484 (1994)

EXAMINER	DATE CONSIDERED
<i>A. Gupta</i>	<i>07/06/94</i>